

FLOOD EVENT OF 1/18/2006 - 1/19/2006

NORTH BRANCH SUSQUEHANNA BASIN

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County
Bainbridge, NY	13.0	1/19/2006	13.64	missing	Minor	Susquehanna		Chenango
Conklin, NY	11.0	1/18/2006	12.37	24,700	Minor	Susquehanna		Broome
Sherburne, NY	8.0	1/18/2006	8.48	3,660	Minor	Susquehanna	Chenango	Chenango
Vestal, NY	18.0	1/19/2006	18.42	40,700	Minor	Susquehanna		Broome
Waverly, NY	11.0	1/19/2006	13.12	56,100	Minor	Susquehanna		Bradford, PA

MAIN STEM SUSQUEHANNA BASIN

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County
Tunkhannock, PA	11.0	1/18/2006	11.31	13,600	Minor	Tunkhannock Creek		Wyoming

DELAWARE BASIN

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County
Cooks Falls, NY	10.0	1/18/2006	12.41	16,800	Minor	Delaware	Beaver Kill	Delaware

PASSAIC BASIN

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County
Boonton, NJ (below)	5.0	1/19/2006	5.16	1,420	Minor	Passaic	Rockaway	Morris
Macopin Intake Dam, NJ	5.5	1/19/2006	5.68	1,280	Minor	Passaic	Pequannock	Passaic
Pompton Lakes, NJ	9.0	1/19/2006	9.88	2,320	Minor	Passaic	Ramapo	Passaic
Wanaque, NJ	5.0	1/19/2006	5.82	1,450	Minor	Passaic	Wanaque	Passaic

Weather Summary

Not long after the January 14th storm passed over the region, a new system developed over the Midwest, slowly strengthening as it moved towards the northeast, bringing higher temperatures and more precipitation. As it approached Pennsylvania on the 18th, the system occluded and pulled northward allowing showers and thunderstorms to remain over the region even longer. The basins hardest hit included the North Branch Susquehanna, whose 1-1.5 inches of rain melted the 1-3 inches of snow that remained after the previous system. The Delaware and Passaic basins received an additional 1-1.5 inches while the Upper Main Stem received between 1 and 2.5 inches of rain across its basin.

Crest Statistics/Flood Information

Crest occurred 1/18/2006 - 1/19/2006

Third flood of 3 that occurred in January, 2006.

Third flood of 12 that occurred in 2006.

Number of Floods at MARFC Forecast Points - **11**

Number of Floods Cresting in **Minor** Range - **11**

Number of Floods Cresting in **Moderate** Range - 0

Number of Floods Cresting in **Major** Range - 0